



## In re Application of:

Nathan R. Brown

**Serial No.:** 10/715,264

Filed: November 17, 2003

For: METHODS FOR DETERMINING
AMOUNTS AND LOCATIONS OF
DIFFERENTIAL PRESSURE TO BE
APPLIED TO SEMICONDUCTOR
SUBSTRATES DURING POLISHING OF
SEMICONDUCTOR DEVICE
STRUCTURES CARRIED THEREBY AND
FOR SUBSEQUENTLY POLISHING
SIMILAR SEMICONDUCTOR
DEVICE STRUCTURES

Confirmation No.: 5086

Examiner: S. Macarthur

**Group Art Unit: 1763** 

Attorney Docket No.: 2269-4375.3US

(99-1029.03/US)

## CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

July 28, 2004
Date
Signature

Rachael Harris
Name (Type/Print)

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the

Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a). The listed documents were cited by the Office in co-pending application Serial No. 10/715,248, filed on November 17, 2003, and directed to a related invention.

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

## U.S. Patent Documents

U.S. Patent No.	Publication Date	<u>Patentee</u>
US - 4,606,151	08/19/1986	Heynacher
US- 5,607,341	03/1997	Leach
US- 5,836,807	11/1998	Leach
US - 6,354,928 B1	03/12/2002	Crevasse et al.
US- 6,390,901 B1	05/2002	Hiyama et al.
US- 6,390,905 B1	05/2002	Korovin et al.
US- 6,394,882 B1	05/2002	Chen
US- 6,435,948 B1	08/2002	Molnar
US - 6,436,828 B1	08/20/2002	Chen et al.
US- 6,443,821 B1	09/2002	Kimura et al.
US- 6,447,368 B1	09/2002	Fruitman et al.
US- 6,506,105 B1	01/2003	Kajiwara et al.
US- 6,558,232 B1	05/2003	Kajiwara et al.
US- 6,592,434 B1	07/2003	Vanell et al.
US- 6,612,903 B2	09/2003	Korovin et al.
US- 6,623,343 B2	09/2003	Kajiwara et al.
US- 6,659,850 B2	12/2003	Korovin et al.

US- 6,719,615 B1

04/2004

Molnar

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits.

I hereby certify that no item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the statement, and therefore no fee is due.

Respectfully submitted,

Brick G. Power

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Date: July 28, 2004 BGP/ps:dlm:rh

Enclosures: Form PTO/SB/08

Copy of documents cited

Document in ProLaw

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Filing Date
First Named Inventor
Group Art Unit

Complete if Known
10/715,264
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November 17, 20
First Named Inventor
Group Art Unit
1763

Complete ly Known		
Application Number	10/715,264	
Filing Date	November 17, 2003	
First Named Inventor	Nathan R. Brown	
Group Art Unit	1763	
Examiner Name	S. Macarthur	
Attorney Docket Number	2269-4375.3US (99-1029.03/US)	

		Document Number		Name of Patentee or Applicant of		
Examiner Initials *	Cite No. <sup>1</sup>	Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US-4,606,151	08/19/1986	Heynacher		
	ĺ	US- 5,607,341	03/1997	Leach		
		US- 5,836,807	11/1998	Leach		
		US- 6,354,928 B1	03/12/2002	Crevasse et al.		
		US- 6,390,901 B1	05/2002	Hiyama et al.		
		US- 6,390,905 B1	05/2002	Korovin et al.		
		US- 6,394,882 B1	05/2002	Chen		
		US- 6,435,948 B1	08/2002	Molnar		
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		US- 6,443,821 B1	09/2002	Kimura et al.		
		US- 6,447,368 B1	09/2002	Fruitman et al.		
		US- 6,506,105 B1	01/2003	Kajiwara et al.		
		US- 6,558,232 B1	05/2003	Kajiwara et al.		
		US- 6,592,434 B1	07/2003	Vanell et al.		
		US- 6,612,903 B2	09/2003	Korovin et al.		
		US- 6,623,343 B2	09/2003	Kajiwara et al.		
		US- 6,659,850 B2	12/2003	Korovin et al.		
		US- 6,719,615 B1	04/2004	Molnar		
		US-				
		US-				

	FOREIGN PATENT DOCUMENTS					
Examiner Cite Initials* No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>	
	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)					

Examiner Signature	Date Considered	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.